



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Monday, October 8, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Areas of heavy rainfall/flash flooding will be possible across **OK, N and Central TX.**
- Showers and thunderstorms capable of producing damaging winds and a few tornadoes will be possible across **SE NM, W TX, and SW OK.**

Tuesday

- Areas of heavy rainfall/flash flooding will be possible across **OK, NE TX, and NW AR.**
- Showers and thunderstorms capable of producing damaging winds and a few tornadoes will be possible across **NE TX, E OK, and NW AR.**

Wednesday – Friday

- Isolated areas of heavy rainfall/flash flooding will be possible **N AR.**
- Thursday through Friday, **No Significant Weather Impacts Expected.**

River Flood Status

- Llano River continues to see high flows, moderate flooding is already ongoing this morning.
- Moderate river flooding continues on the Nueces river.

Tropical Outlook

- **TS Michael** in the Yucatan Channel is moving north at 3 mph. Landfall as a hurricane is possible along the northern **Gulf Coast** by **Wednesday.**
- Hurricane **Leslie** in the **Central Atlantic** will have no impacts to **FEMA IV.**

FEMA Region 6 Threat Matrix

Oct 8, 2018 – Oct 12, 2018



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms	SE NM/W TX/SW OK	NETX E OK/NW AR			
	TX/OK				
Heavy Rain / Flash Flooding	OK/ NTX/ Central TX	OK/ NETX/ NW AR	N AR		
Fire Weather					
Tropical Weather					
River Flooding	Llano River Nueces River (STX)	Llano River Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)

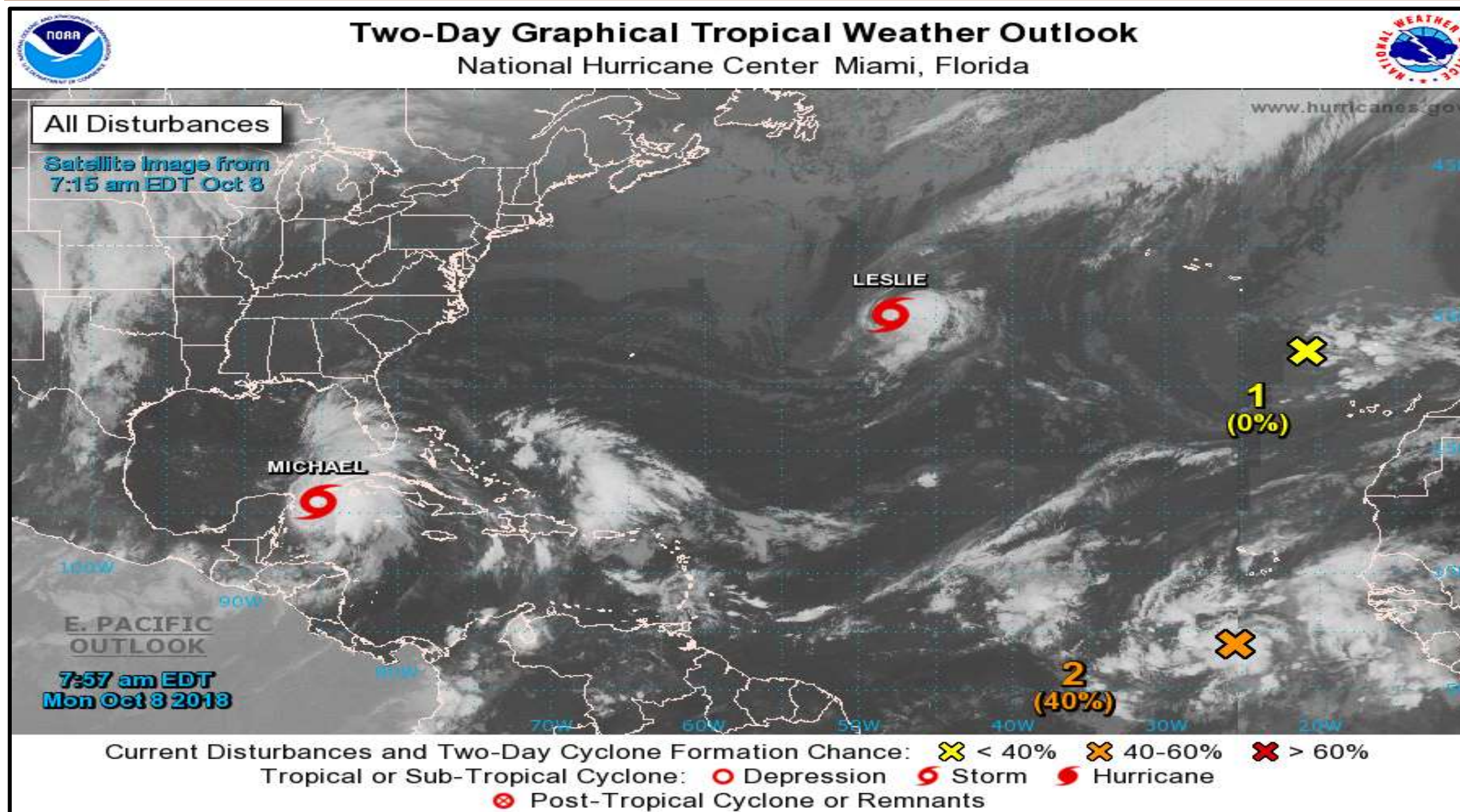
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

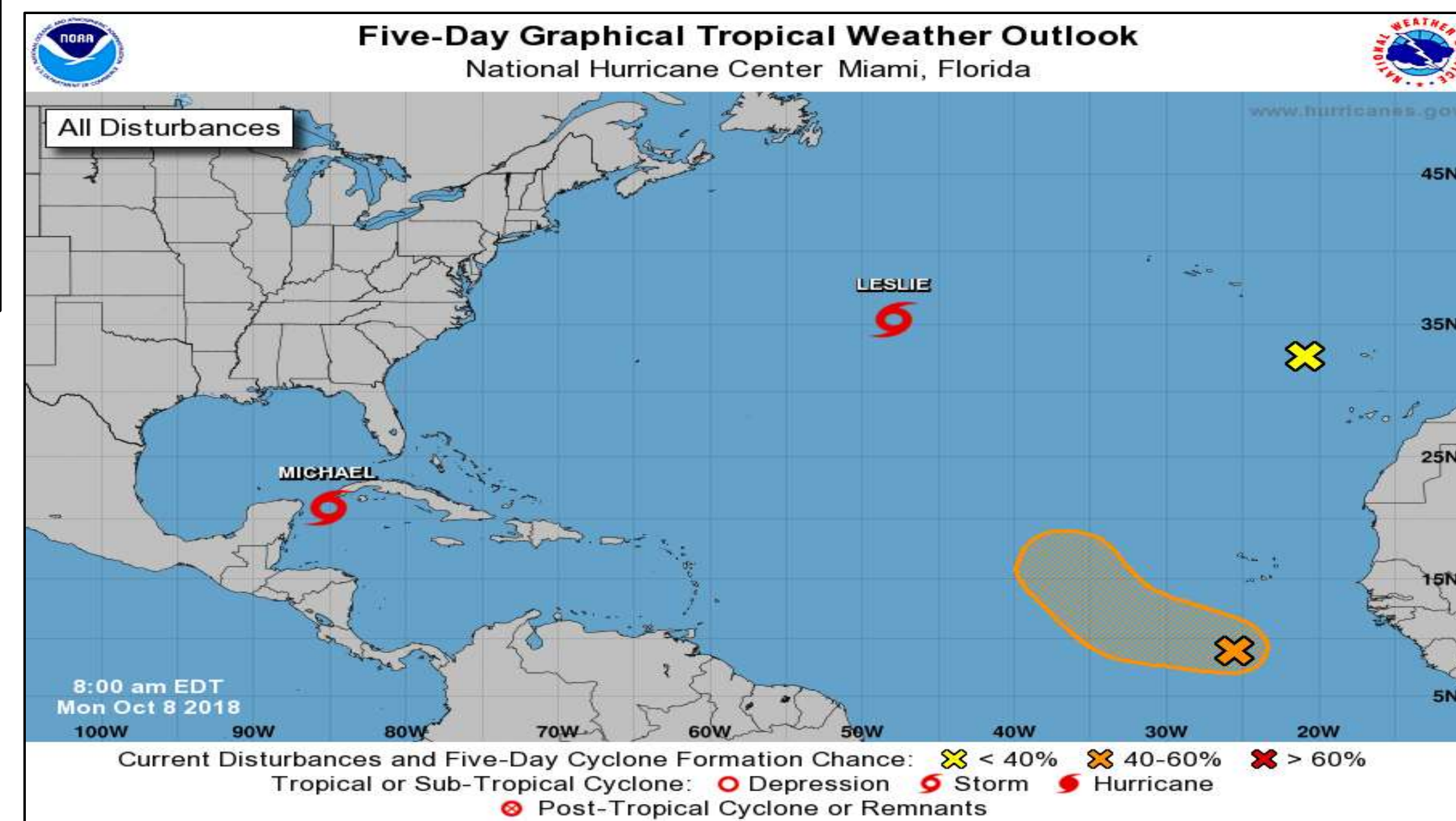
Tropical Weather Outlook – Atlantic/Gulf



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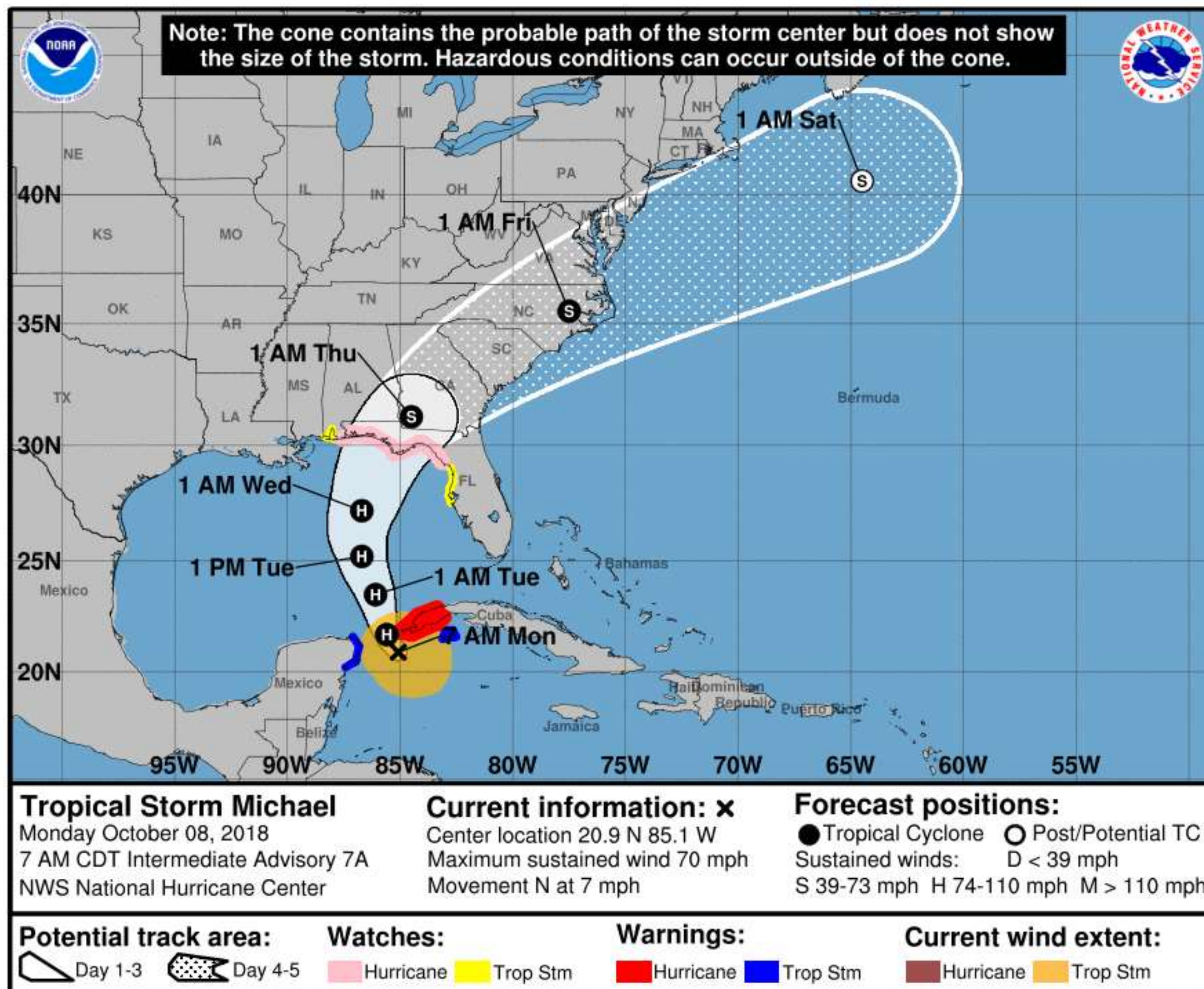
See next slide for forecast information on Hurricane Leslie and Tropical Storm Michael.



Tropical Storm Michael



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TS Michael is moving slowly north (3 mph) along the Yucatan Channel. Michael should continue strengthening and become Hurricane in the next few days.

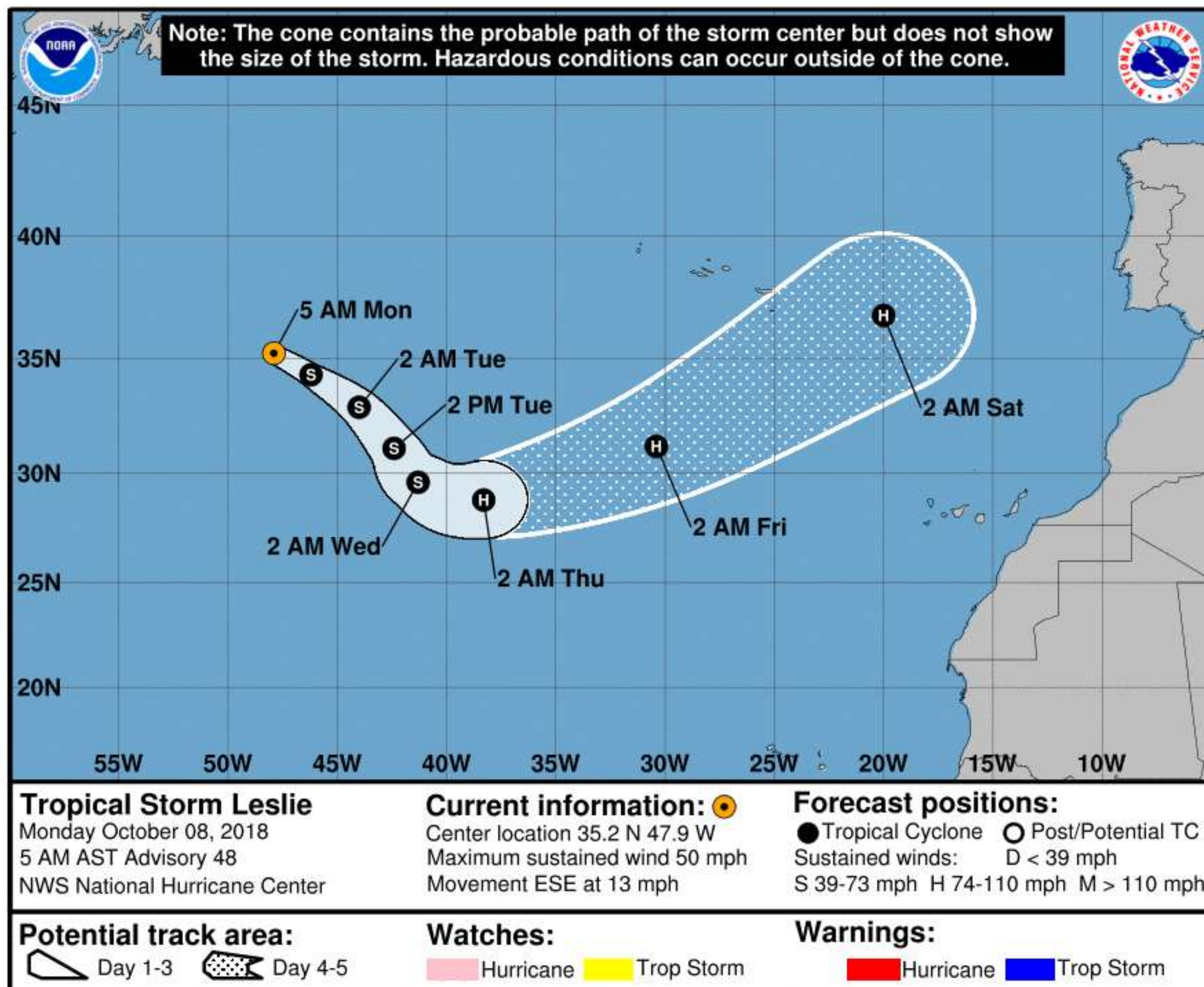
Landfall as a hurricane is possible along the northern Gulf Coast by Wednesday.

Michael is forecast to be a hurricane, and possibly a major hurricane, when it reaches the northeastern Gulf Coast by mid-week, and storm surge and hurricane watches are now in effect for portions of the area. Some areas along the Florida Gulf Coast are especially vulnerable to storm surge, regardless of the storm's exact tract or intensity.

Hurricane Leslie



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Hurricane Leslie is expected to meander over the Central Atlantic for much of this week.

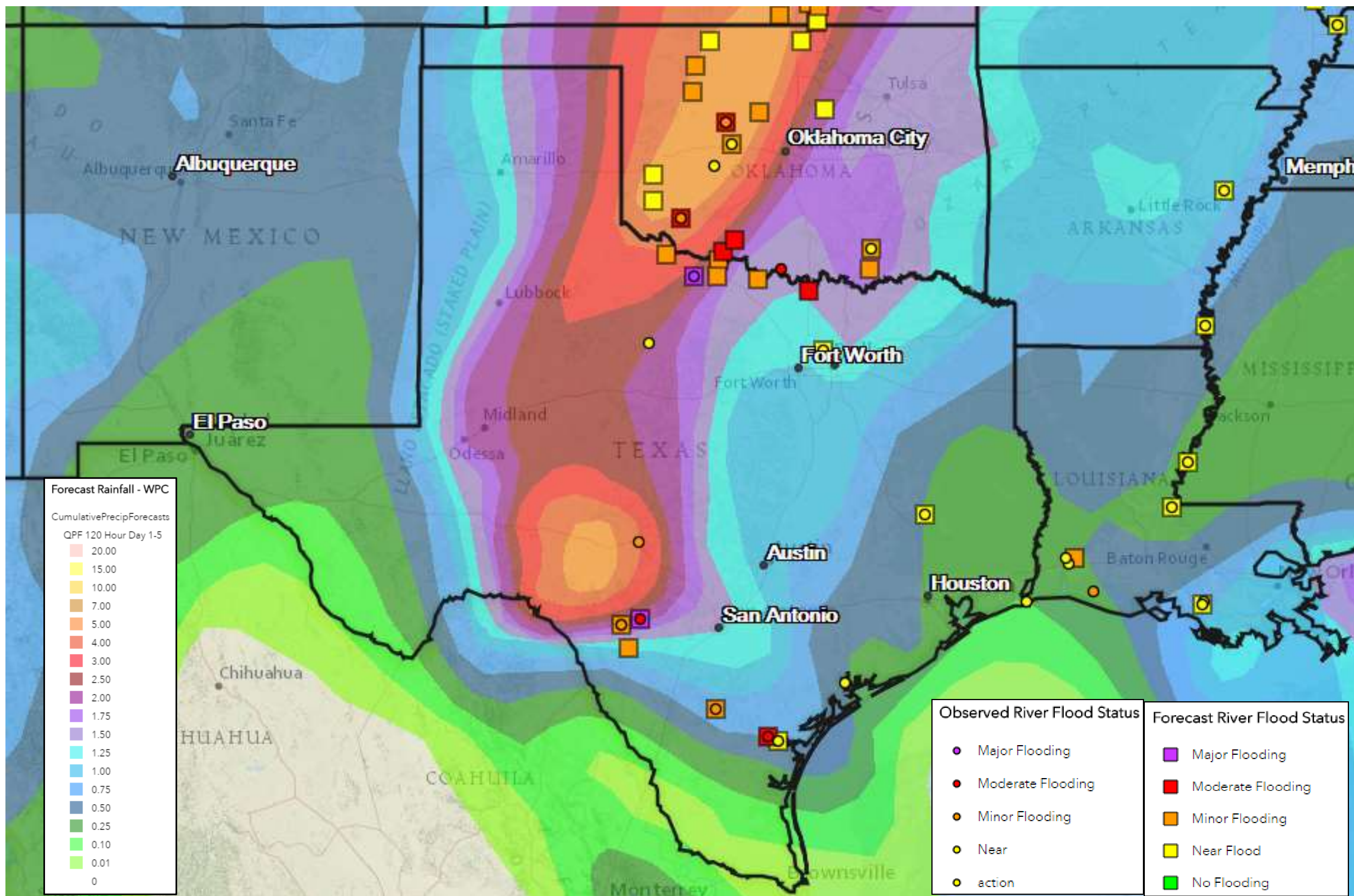
No impacts to FEMA 6 are expected.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Heavy rainfall is anticipated over West and Southwest Texas. Llano River continues to see high flows, moderate flooding is already ongoing this morning.

Moderate river flooding continues on the Nueces river.

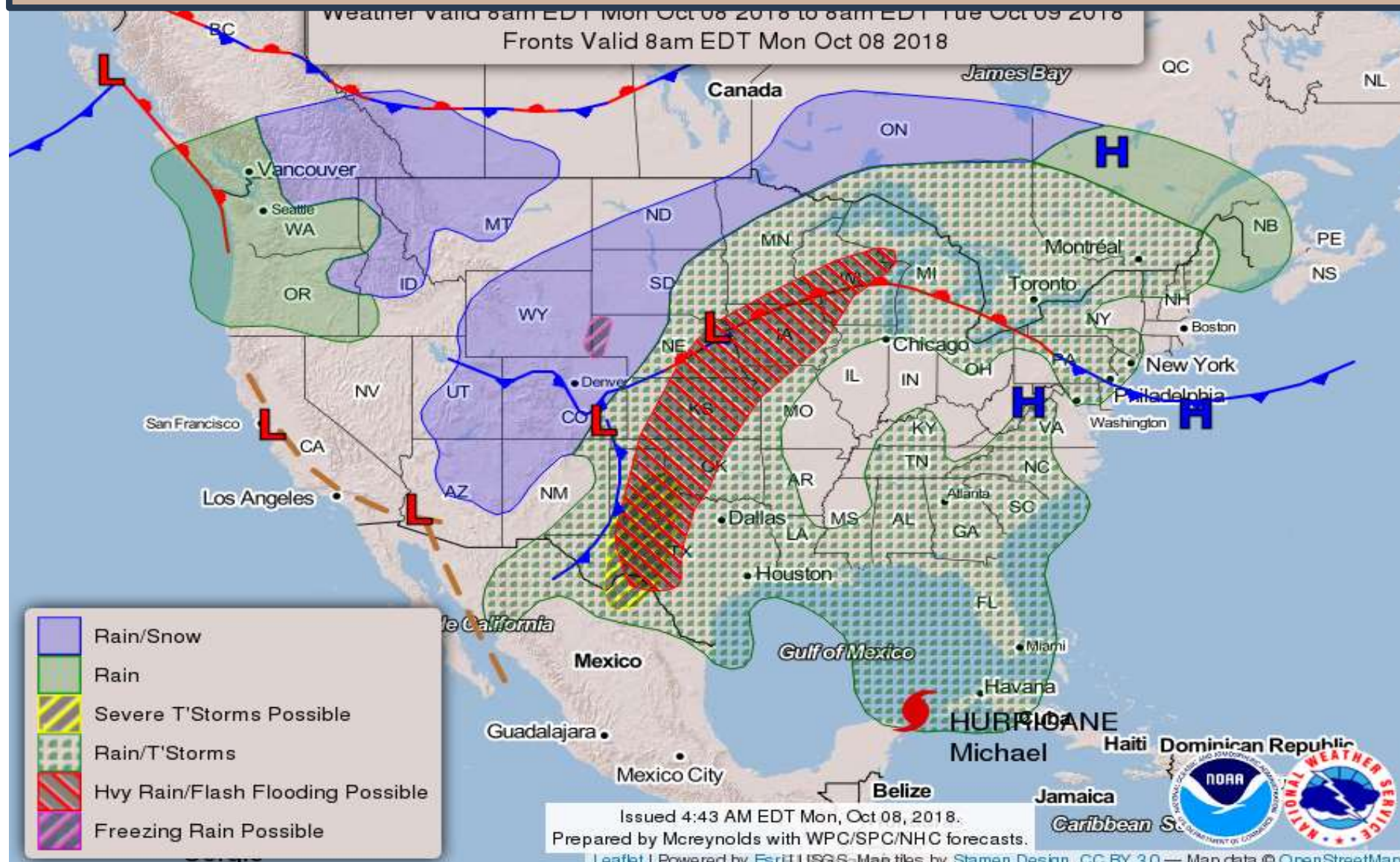
Minor to Moderate flooding is expected across parts of OK into NWTX.

Today's Weather

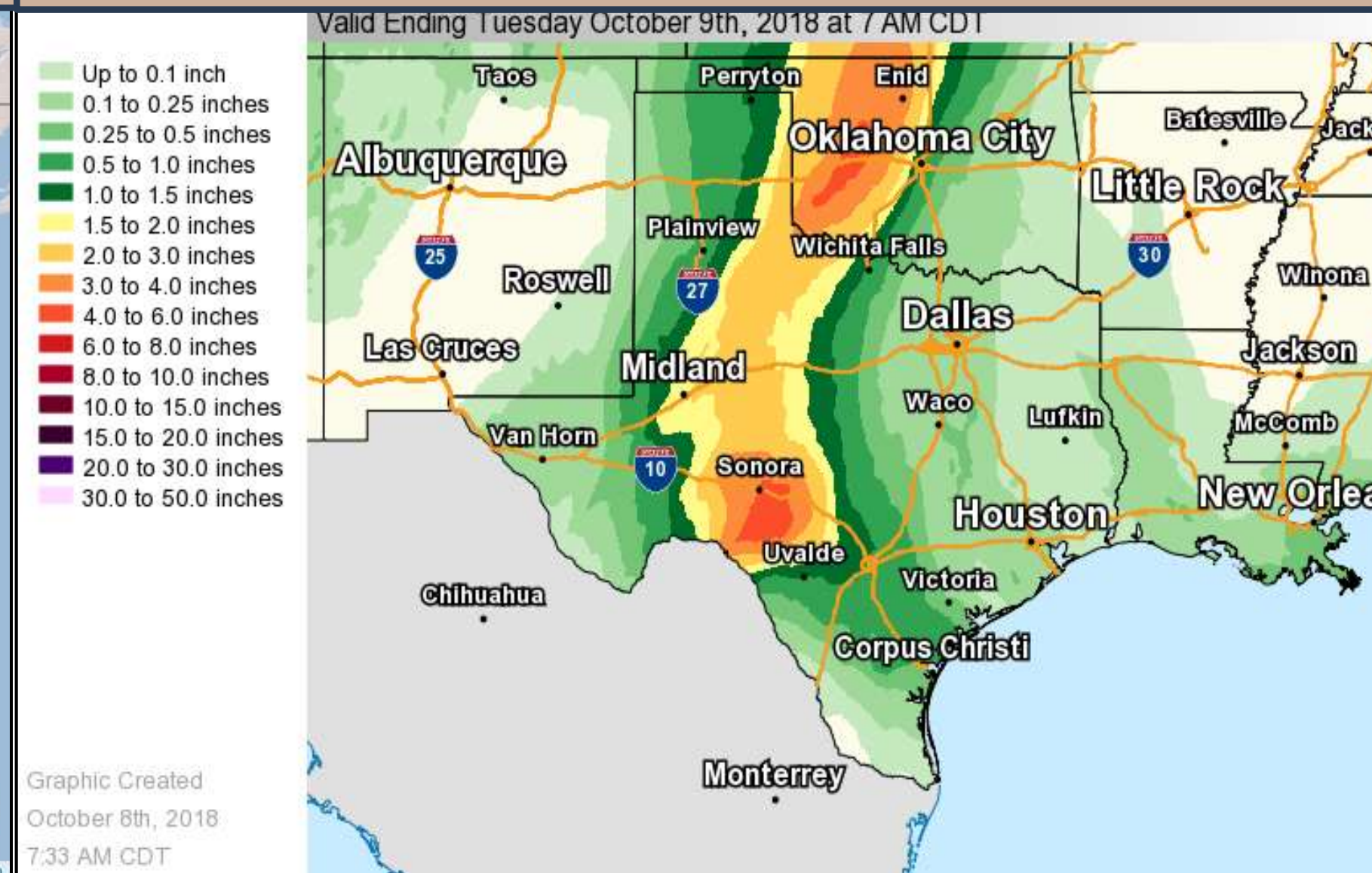


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Forecast Chart



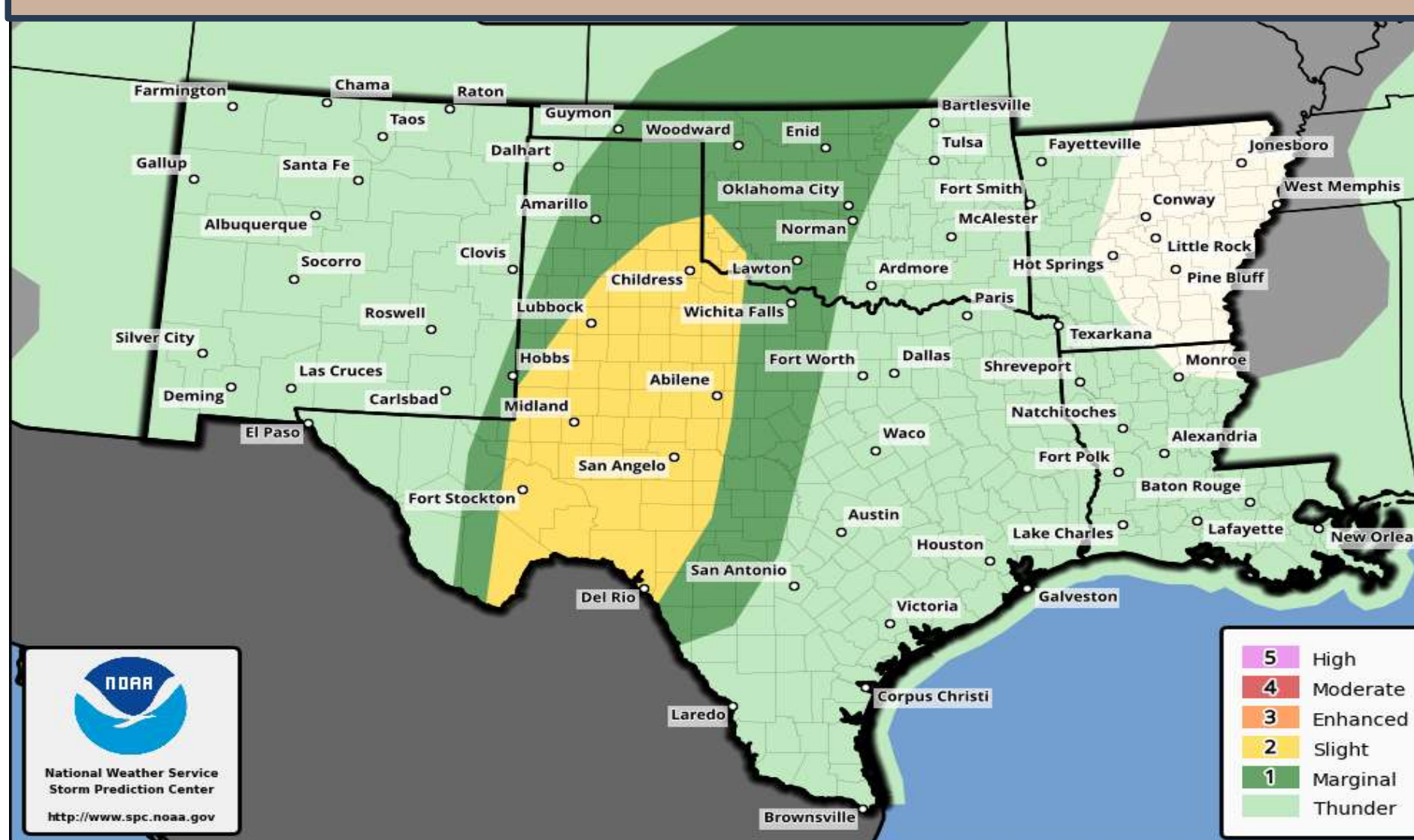
Forecast Rainfall



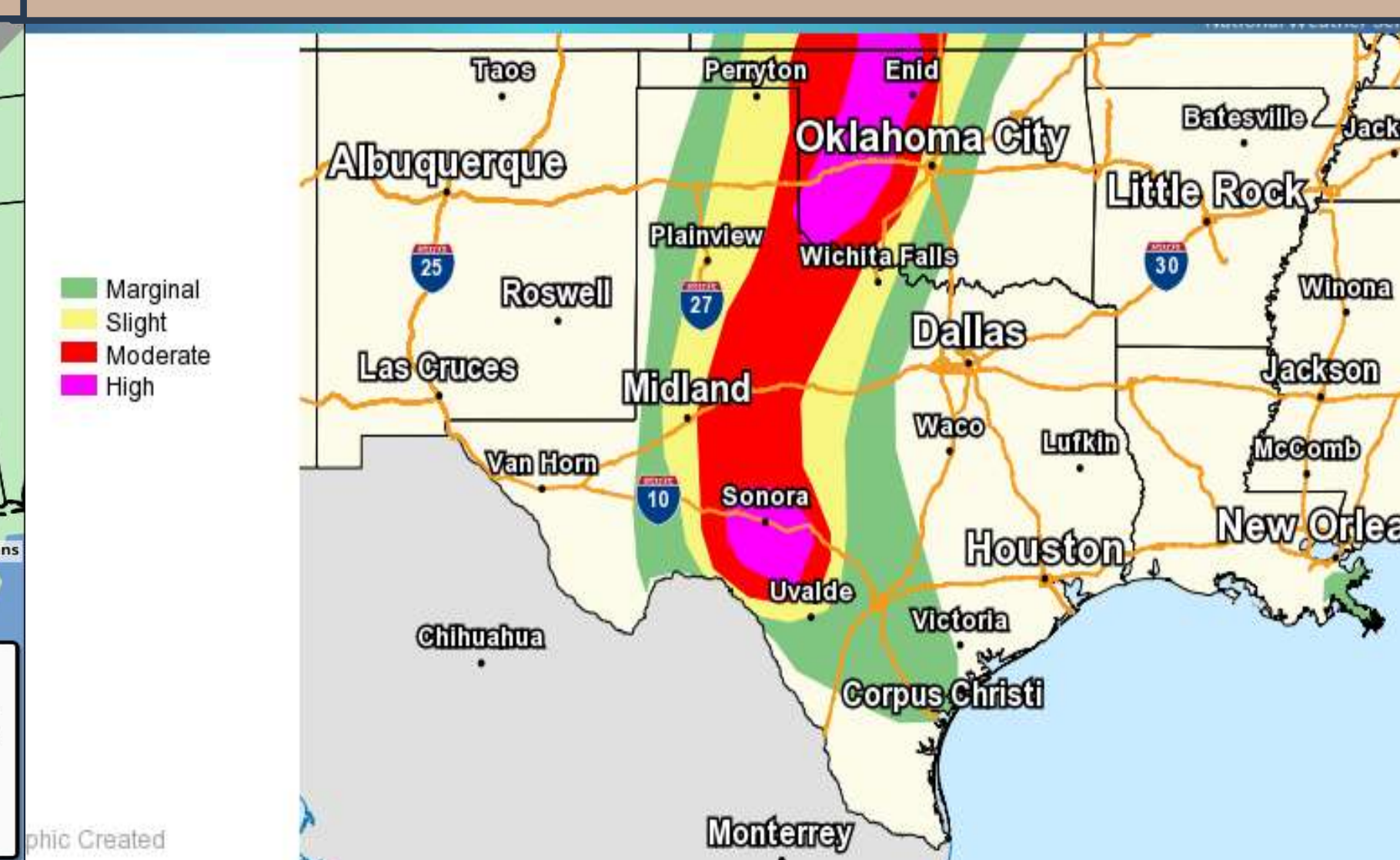
High risk area for isolated heavy rain/flash flooding across OK into N and Central TX.

Slight risk area for severe thunderstorms across SE NM, W TX, and SW OK.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Heavy rainfall will likely lead to the flash flooding across W TX into NW OK. Flood Watches are in effect for this region.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather



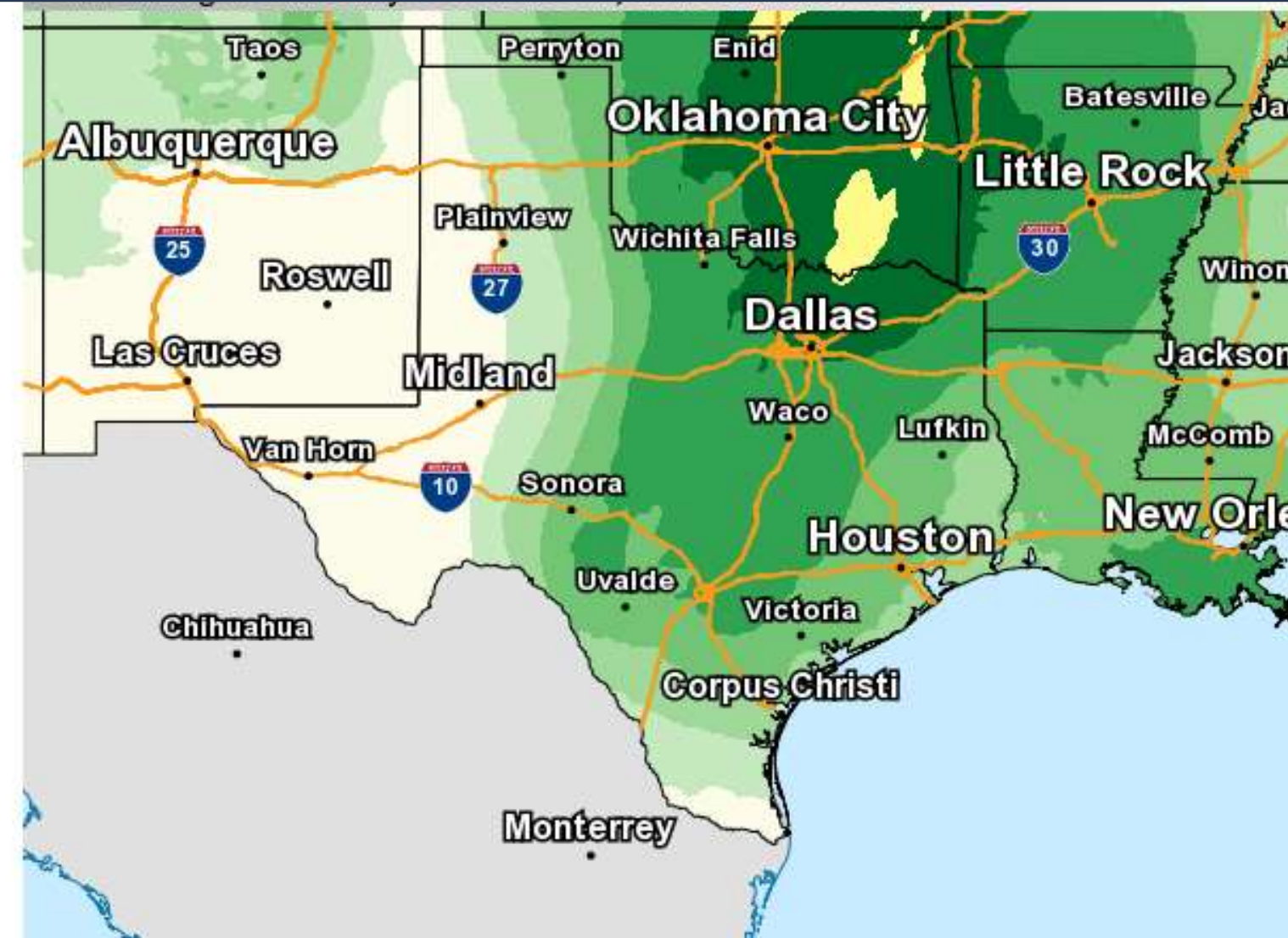
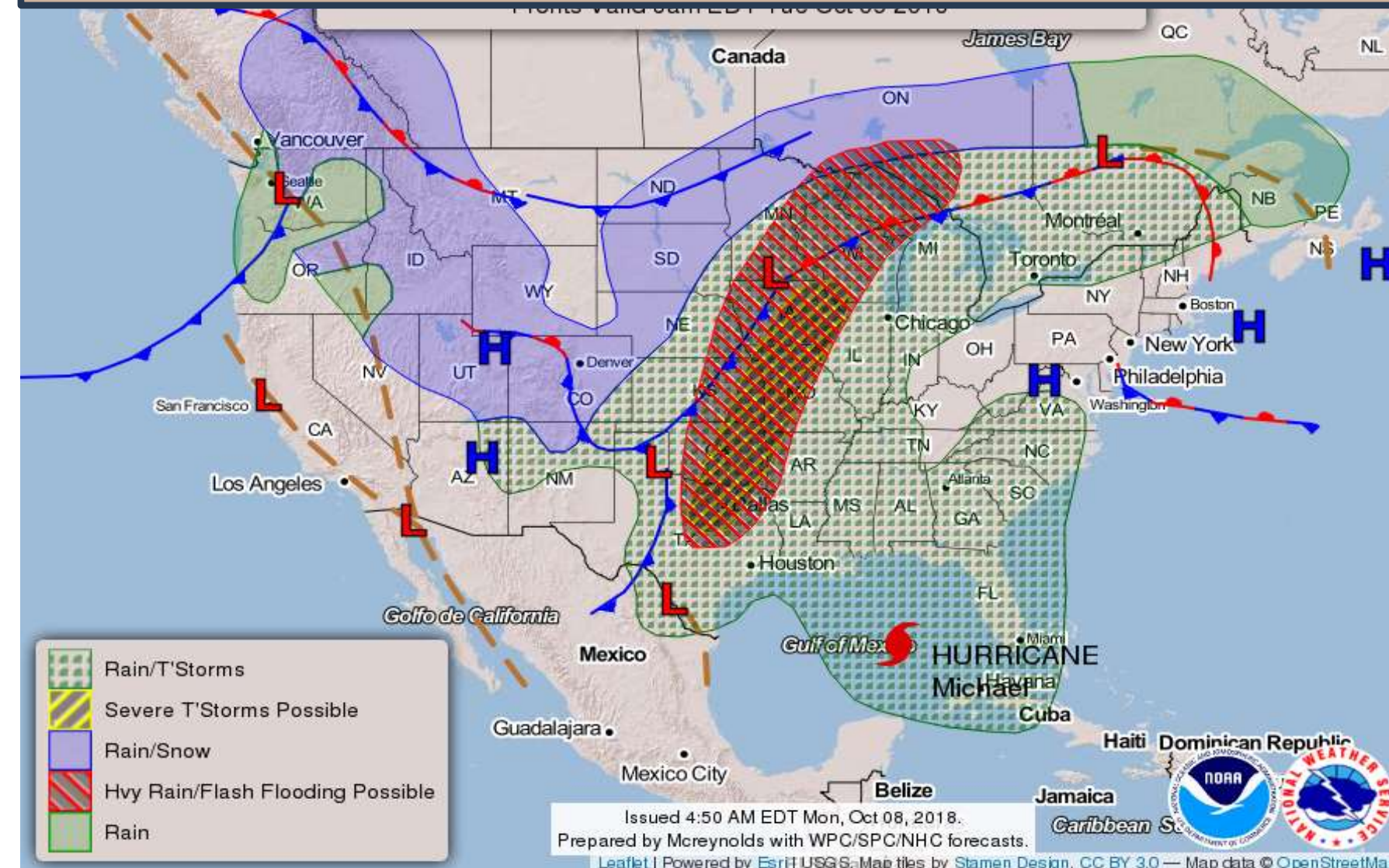
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Forecast Chart

Forecast Rainfall

Moderate risk area of heavy rain/flash flooding possible for OK and portions of NE TX, and NW AR.

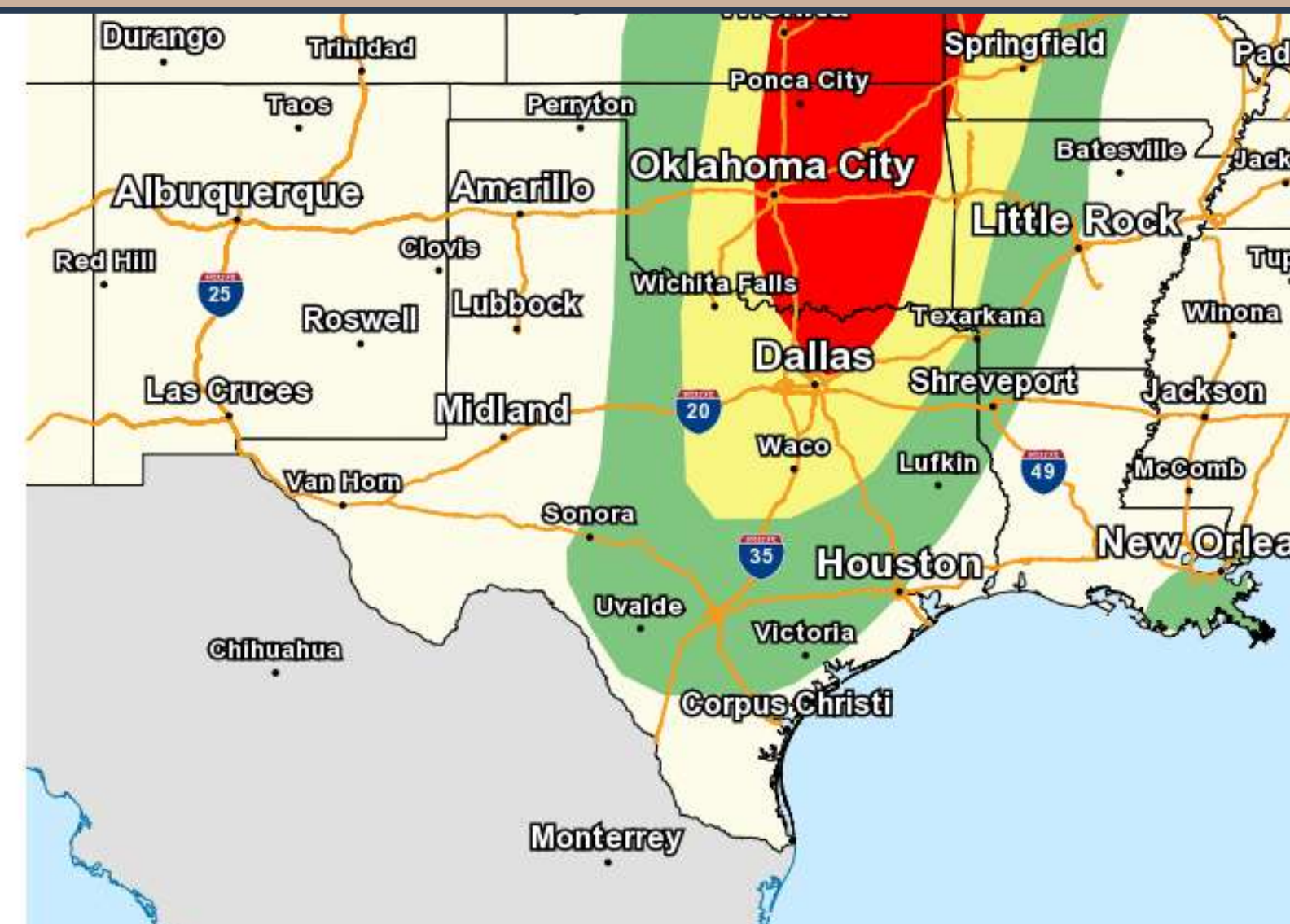
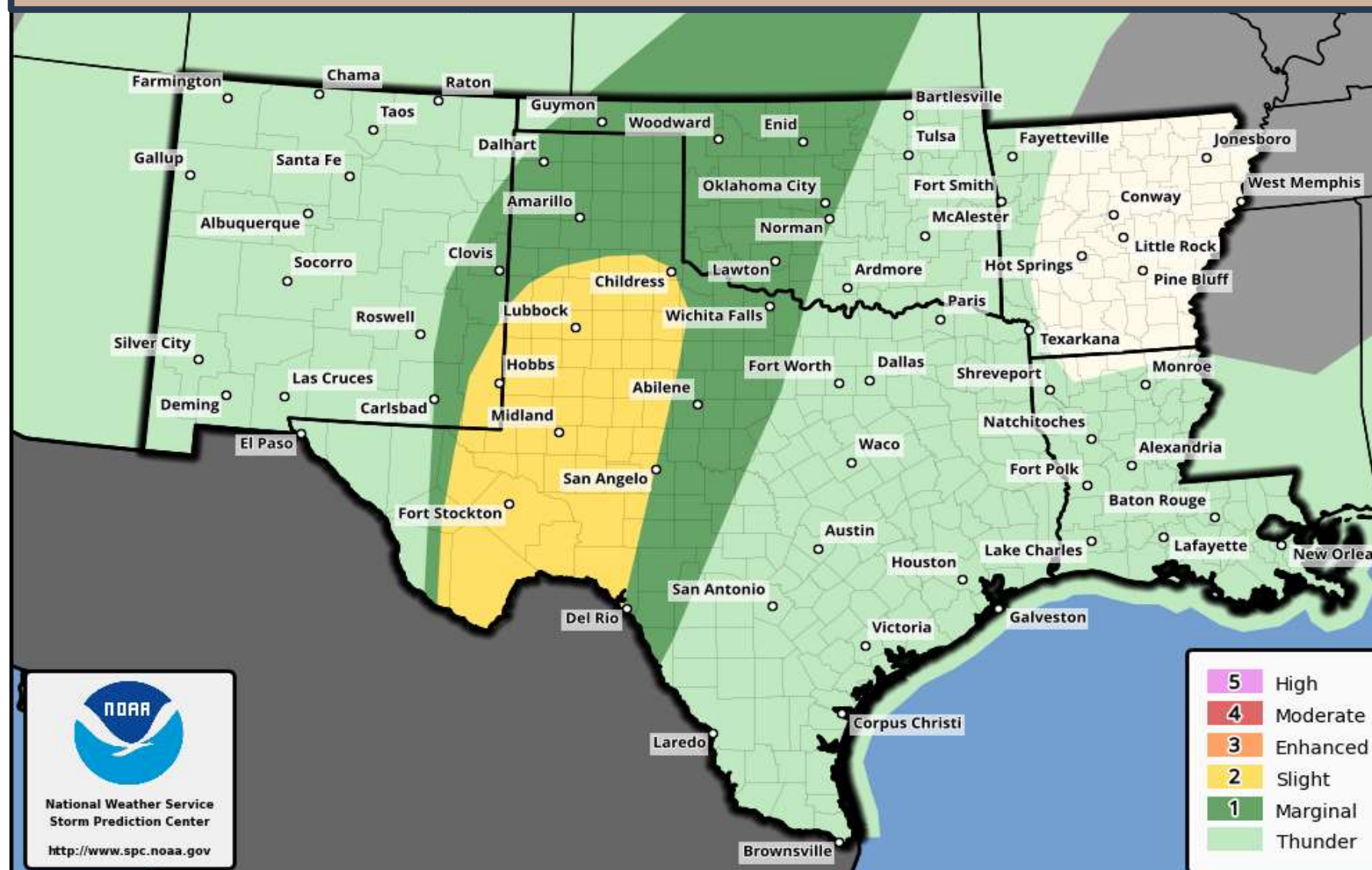
Slight risk area for severe thunderstorms across NETX into E OK/NW AR.



Graphic Created
October 8th, 2018
7:34 AM CDT

Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
October 8th, 2018
AM CDT

Wednesday's Weather

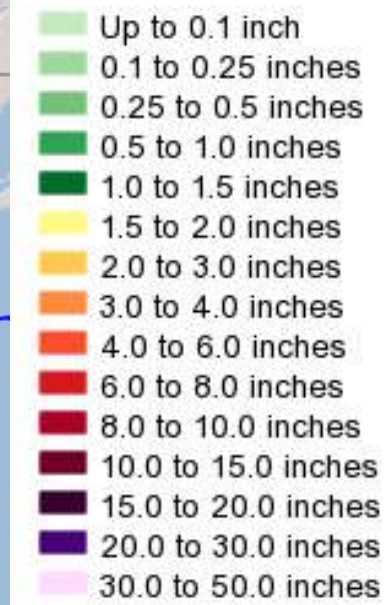
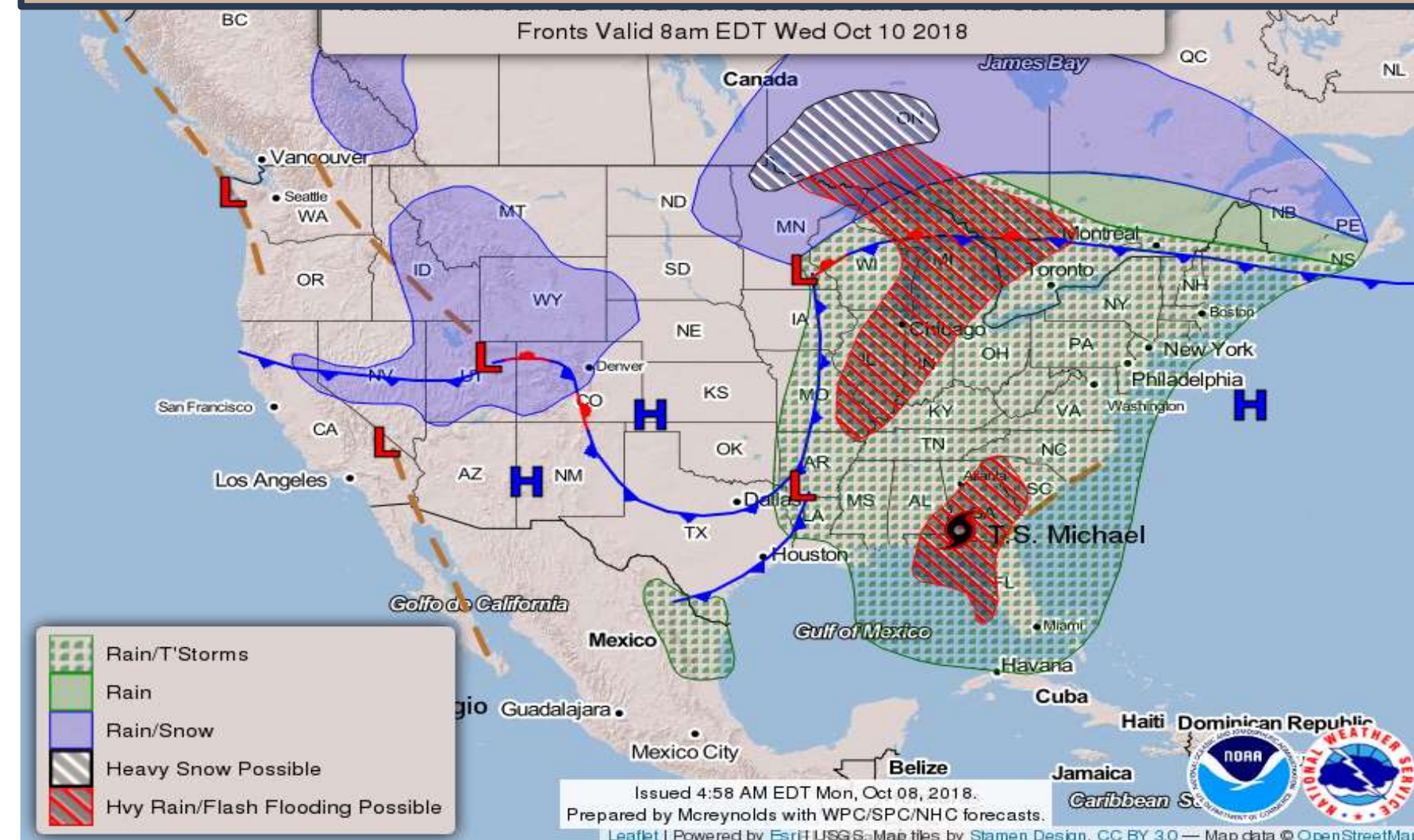


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Forecast Chart

Forecast Rainfall

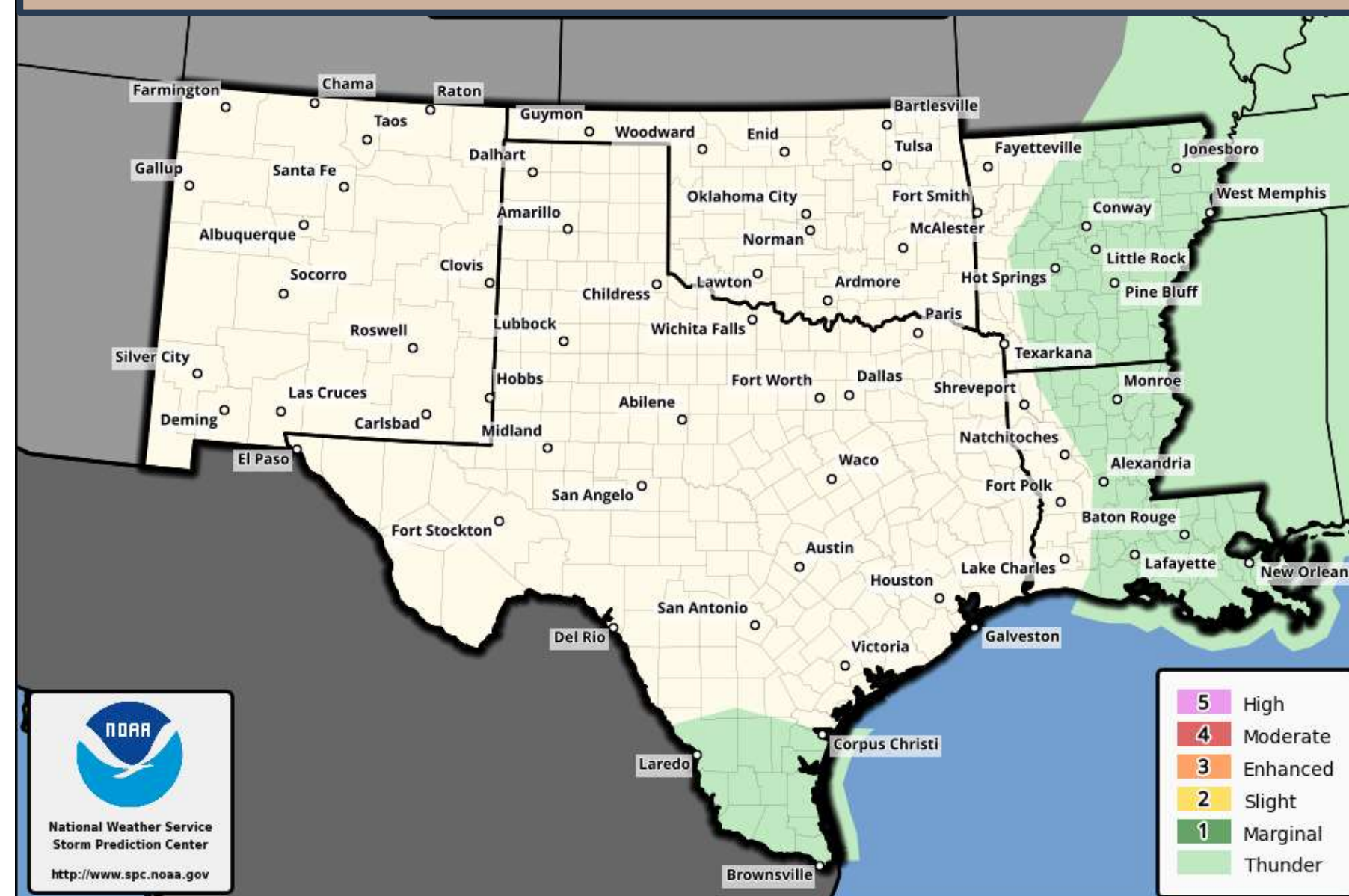
Areas of heavy rain/flash
flooding possible for N AR.



Graphic Created
October 8th, 2018

Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
October 8th, 2018
AM CDT

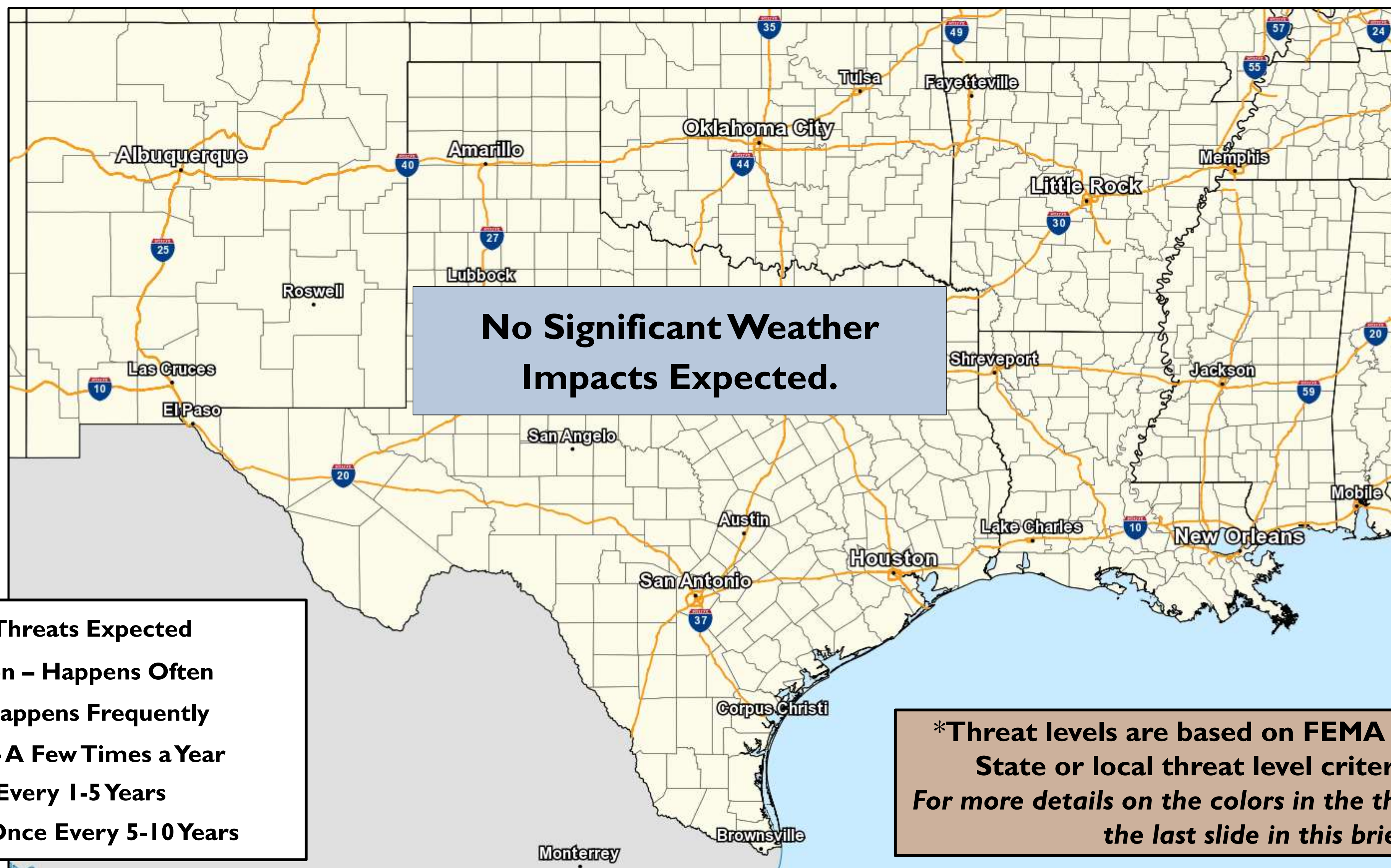


Days 4-5 Weather Hazards

Thursday - Friday



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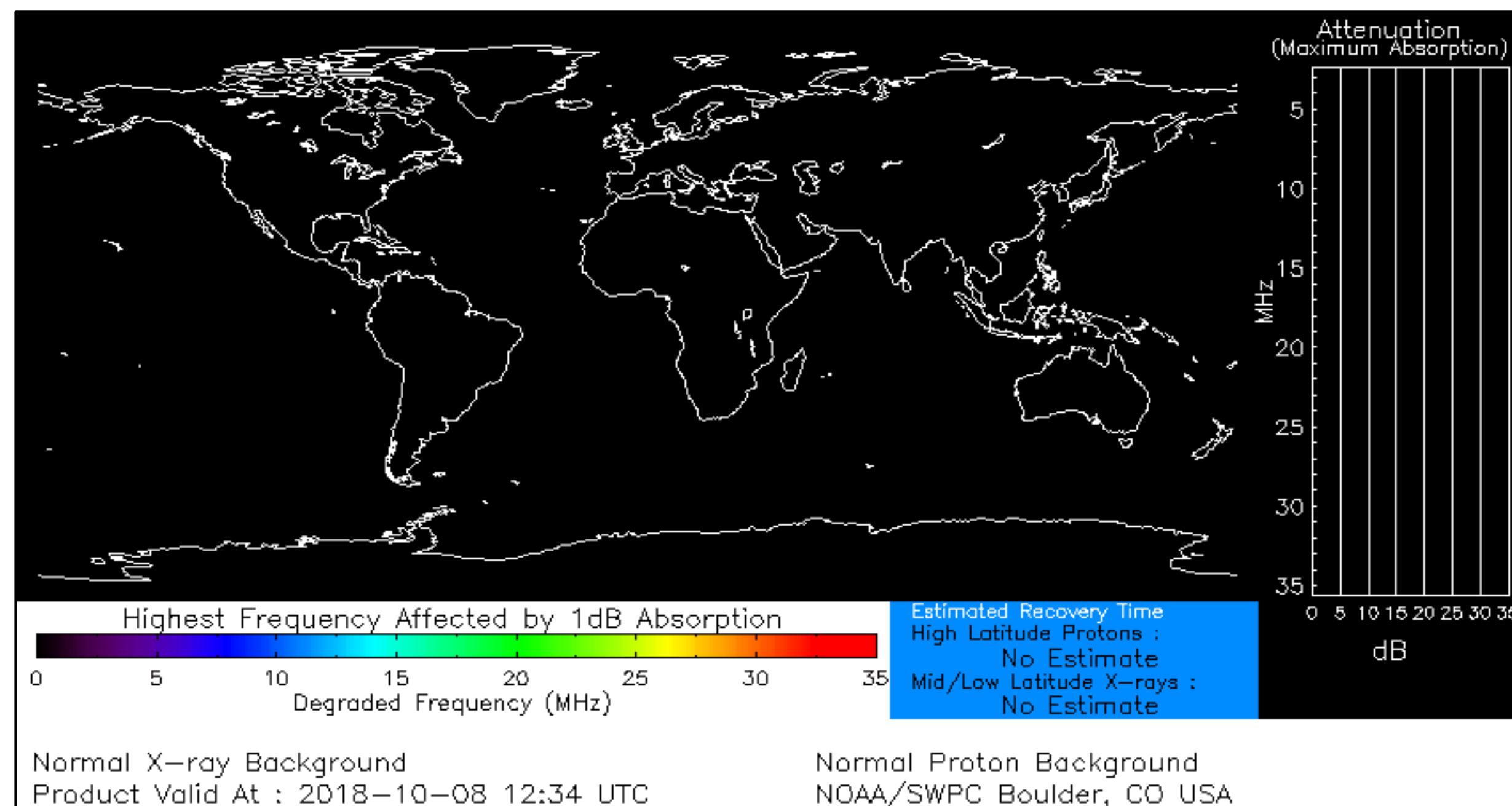


Space Weather 3-Day Forecast



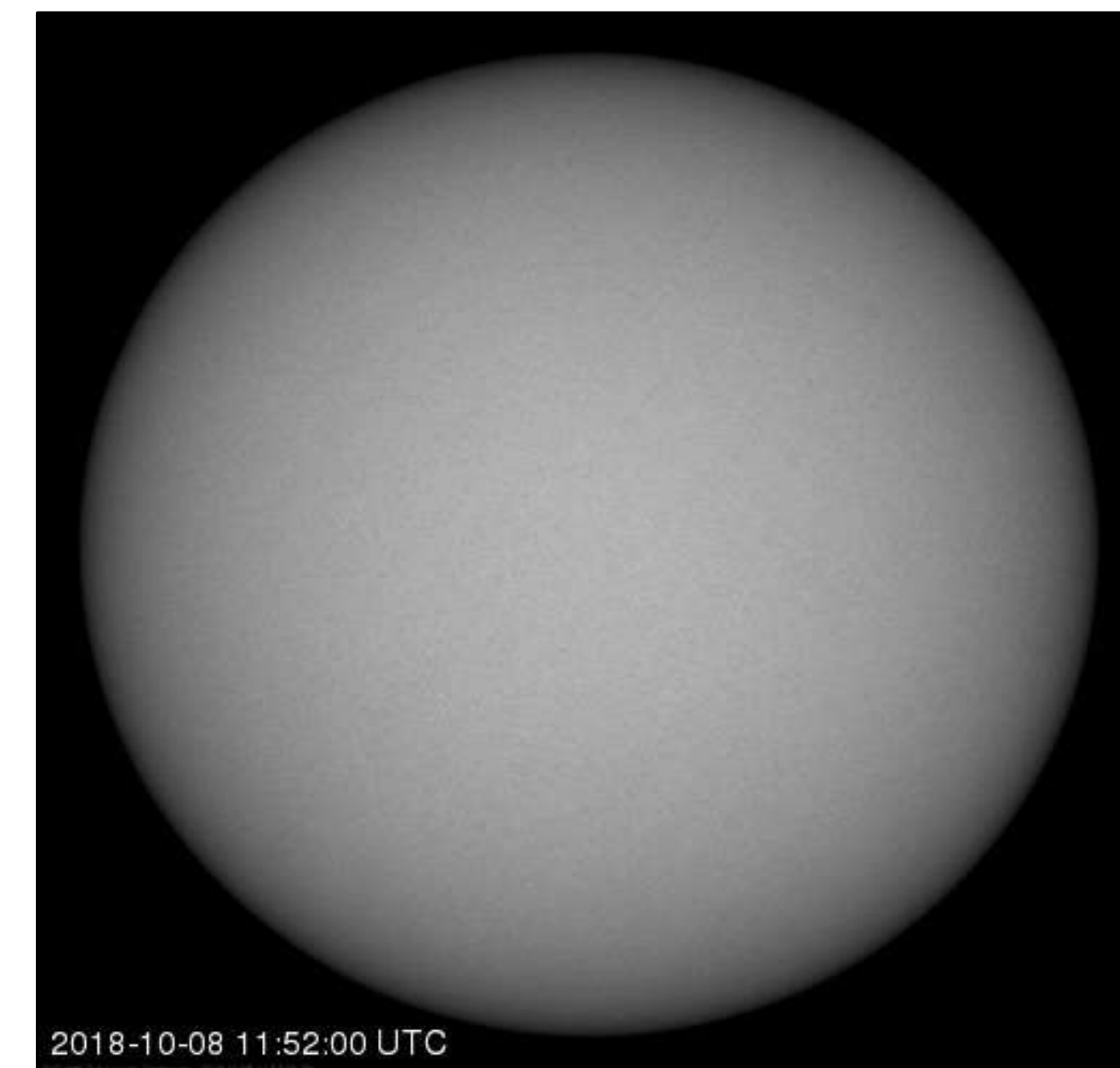
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Moderate (G2) Storm (Max Kp = 6)	Active to Unsettled (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov